



Figure 11 Comparison between experimental (symbols) shock tube ignition delay data as investigated by Dunphy and Simmie [3] and the numerical calculations (lines) using the chemical kinetic model. Experimental conditions: 1.25% C_2H_5OH , 3.75% O_2 , and 95.0% Argon (equivalence ratio = 1.0), and 3.5 bar.